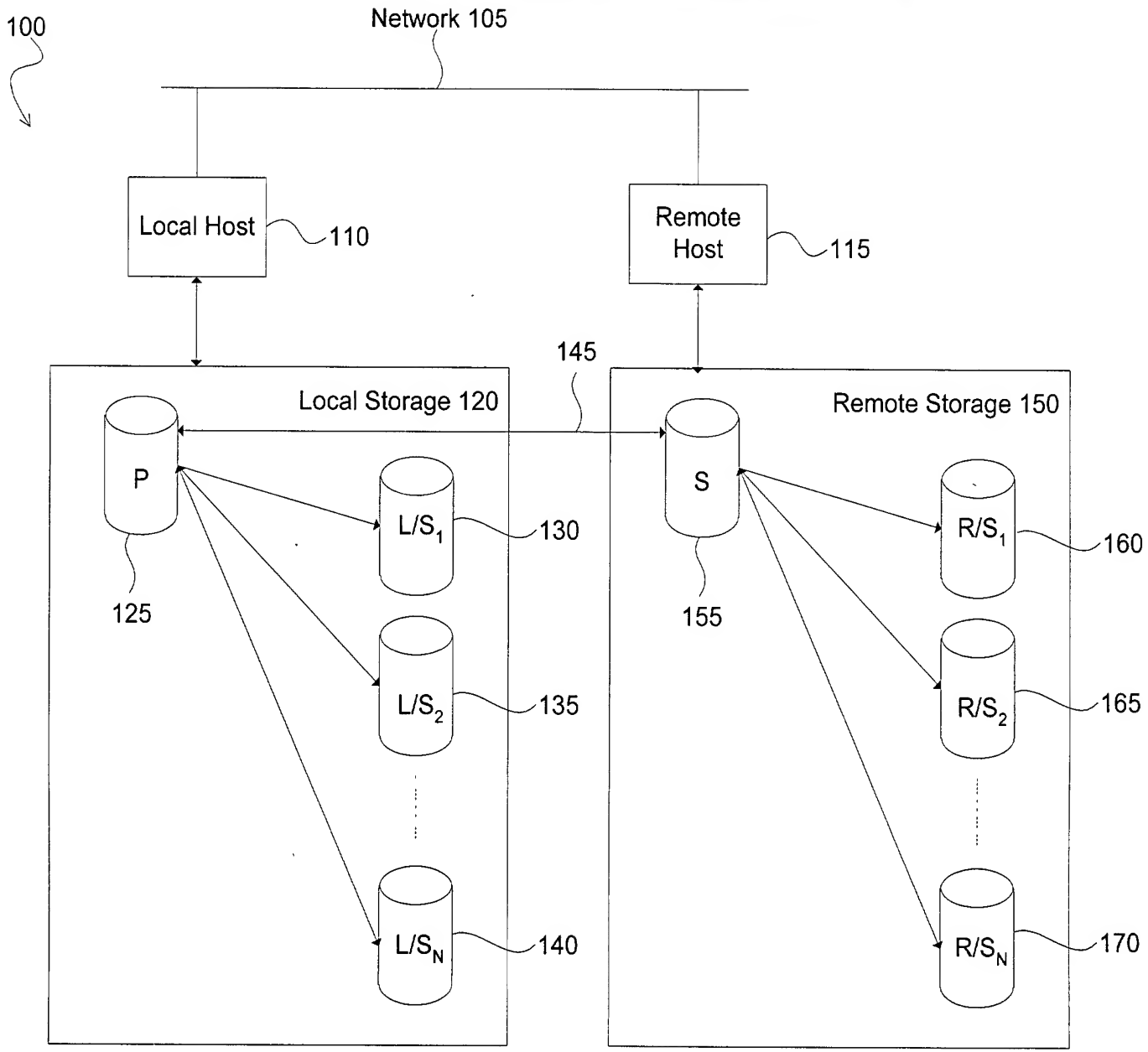
100
Network 105
Local Host
110
Remote Host
115
145
Local Storage 120
Remote Storage 150
P
125
L/S1
130
L/S2
135
L/SN
140
S
155
R/S1
160
R/S2
165
R/SN
170

FIG. 1

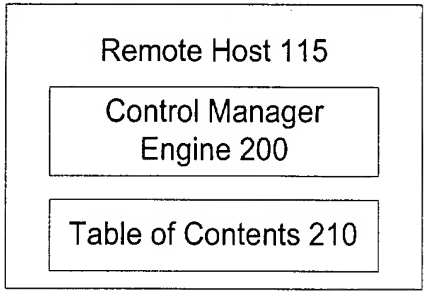

FIG. 2

300

Table of Contents 210

Primary Volume

Pair ID#	Pair Name	Pair Group Name	Primary Volume	Snapshot Volume	Backup Start Time	Backup End Time
0						
1						
:						
N						

310

Secondary Volume

Pair ID#	Pair Name	Pair Group Name	Seconday Volume	Snapshot Volume	Backup Start Time	Backup End Time
0						
1						
:						
N						

FIG. 3

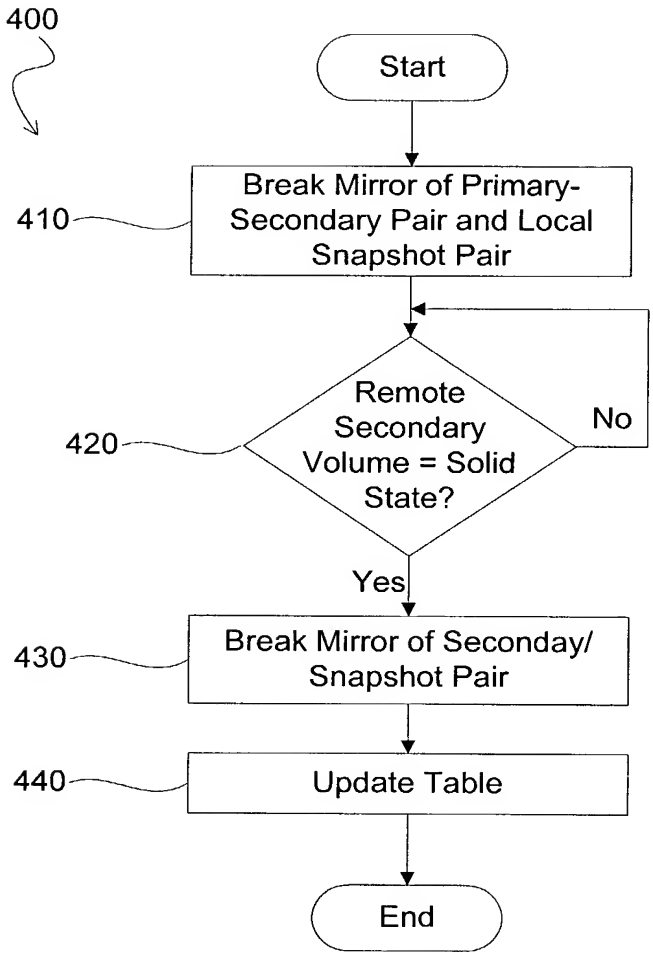
400
Start
Break Mirror of Primary-Secondary Pair and Local Snapshot Pair
410
Remote Secondary Volume = Solid State?
420
No
Yes
Break Mirror of Seconday/ Snapshot Pair
430
Update Table
440
End

FIG. 4

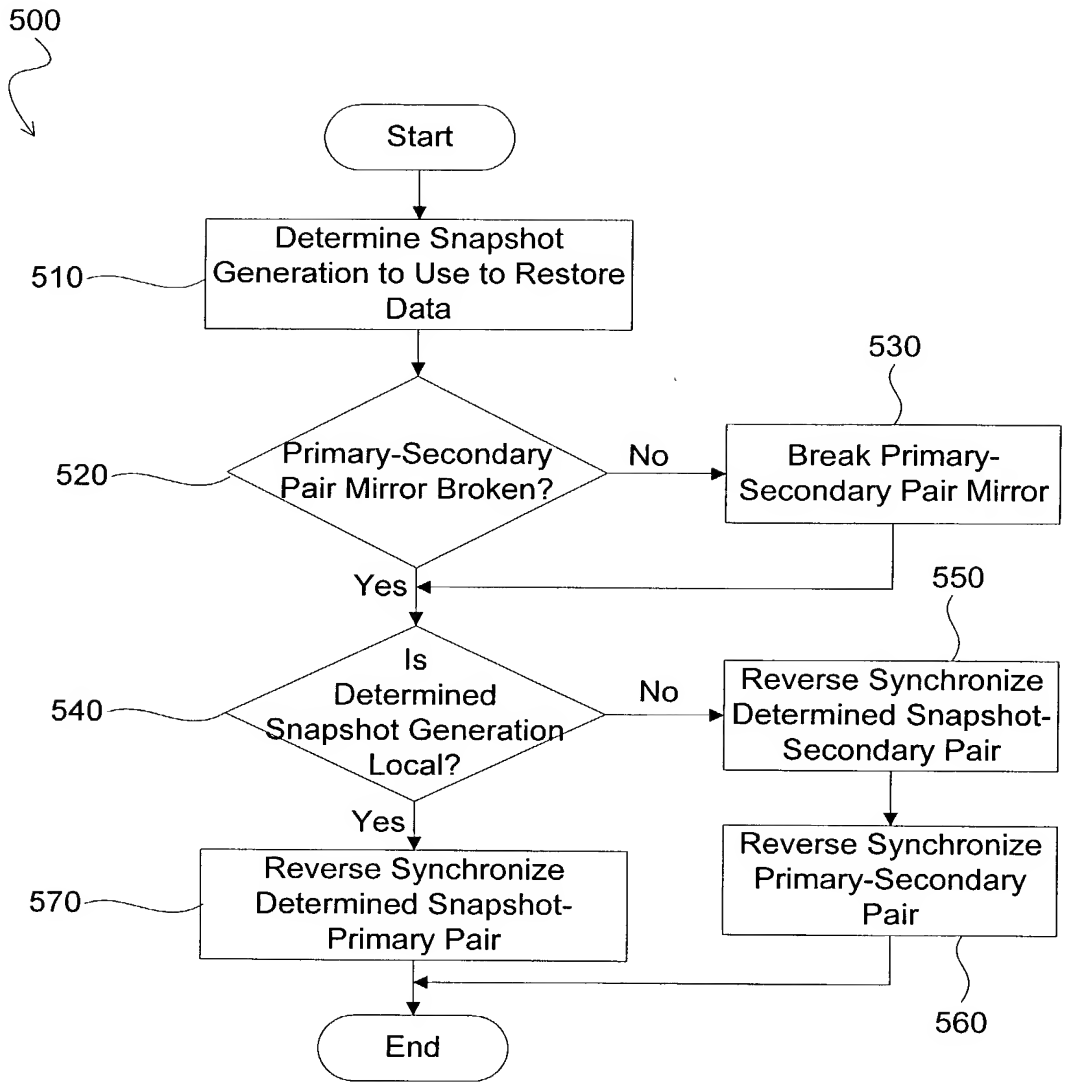
500
Start
Determine Snapshot Generation to Use to Restore Data
510
Primary-Secondary Pair Mirror Broken?
520
No
Break Primary-Secondary Pair Mirror
530
Yes
Is Determined Snapshot Generation Local?
540
No
Reverse Synchronize Determined Snapshot-Secondary Pair
550
Yes
Reverse Synchronize Determined Snapshot-Primary Pair
570
Reverse Synchronize Primary-Secondary Pair
560
End

FIG. 5